

Claims

1. An electric machine, in particular a three-phase generator, with a winding packet that can be penetrated by a rotating magnetic field, wherein a number of windings of the winding packet are respectively connected together into at least one phase at which a generator voltage can be tapped, and the windings are comprised of a number of parallel wound winding wires, characterized in that out of the at least three parallel wound winding wires (33, 42) of a phase (U, V, W, U', V', W'), at least two are connected to separate phase terminals (34, 36, 38, 34', 36', 38') at each of which a partial generator voltage (u, v, w, u', v', w') can be tapped.

2. The electric machine according to claim 1, characterized in that the windings (28', 28'', 28''' ; 44', 44'', 44''') of a phase (U, U' ; V, V' ; W, W') can be connected in series in order to tap a total generator voltage (u'', v'', w'') that is made up of the partial generator voltages (u, u' ; v, v' ; w, w').

3. The electric machine according to ~~one of the preceding~~ claims, characterized in that the windings (28, 44) are constituted by a common conductor bundle (40).

4. The electric machine according to ~~one of the preceding~~ claims, characterized in that the windings (28) constitute a main winding and the windings (44) constitute an auxiliary winding.

5. The electric machine according to ~~one of the preceding~~ claims, characterized in that the main windings (28) have at least two parallel connected winding wires (33).

0946307 022400

a
a

a
a

a
a

a
a
6. The electric machine according to ~~one of the preceding~~
claims, characterized in that the auxiliary windings (44) have
at least one winding wire (42).

add
C2

004220" 0098160